CLAIMS

1. A program creating system comprising:

a screen information storing unit which holds screen information that forms an input screen of a parameter to create a first program that realizes a predetermined process;

a providing unit which provides said screen information to a setting apparatus connected through a network;

an accepting unit which accepts the parameter input on the input screen displayed on the basis of said screen information from said setting apparatus through said network;

a producing unit which dynamically produces a source code of said first program on the basis of said parameter;

a compiling unit which compiles said source code to create said first program that can be executed by a predetermined terminal device; and

an instructing unit which detects that said source code is produced to instruct said compiling unit to compile the source code.

2. The program creating system as set forth in claim 1, further comprising

a checking unit which checks whether or not the data size of said first program is smaller than a predetermined size to make it possible to provide said first program to said terminal device when the data size of said first program is smaller than a

predetermined size.

3. The program creating system as set forth in claim 2, further comprising

a notifying unit which performs notification to urge said setting apparatus to reduce the number of said parameters when the data size of said first program is larger than said predetermined size.

4. The program creating system as set forth in claim 2,

wherein said predetermined size is set for each terminal device which uses said first program.

5. The program creating system as set forth in claim 2, further comprising:

a first program storing unit which stores a first program checked by said checking unit; and

a providing unit which provides the first program stored in said storing unit to said terminal device,

wherein said checking unit stores, when the data size of the first program created by said producing unit is smaller than the predetermined size, the first program in said storing unit.

6. The program creating system as set forth in claim 1, further comprising

a second program storing unit which holds a second program

that causes said setting apparatus to form a limiting unit that limits the number of said parameters such that the size of said first program becomes smaller than said predetermined size,

wherein said providing unit provides said second program to said setting apparatus together with said screen information.

7. A program creating system comprising:

an acquiring unit which acquires screen information that forms an input screen of a parameter to create a program that realizes a predetermined process through a network;

a display process unit which displays said input screen on a display unit on the basis of said screen information;

a managing unit which accepts an input of a parameter depending on said input screen to manage the parameter; and

a transmitting unit which outputs the parameter managed by said managing unit to a creating apparatus that creates said program through said network.

8. The program creating system as set forth in claim 7, further comprising

a limiting unit which limits the number of said parameters such that the size of said program becomes smaller than a predetermined size,

wherein said transmitting unit outputs parameters within the limits imposed by said limiting unit to said creating apparatus.

9. The program creating system as set forth in claim 8, further comprising

a notifying unit which performs notification to urge reduction of the number of said parameters when the number of said parameters must be limited.

10. The program creating system as set forth in claim 8,

wherein said program includes a component serving as an input interface,

said managing unit manages a plurality of parameters to form said component as a group, and

said limiting unit limits the number of said parameters in units of groups.

11. The program creating system as set forth in claim 9,

wherein said limiting unit predicts the data size of a program created by said creating apparatus depending on the parameter managed by said managing unit to determine whether or not the number of said parameters must be reduced.

12. The program creating system as set forth in claim 11,

wherein when the predicted data size of the program is larger than said predetermined size, said limiting unit determines that the number of said parameters must be reduced.

13. The program creating system as set forth in claim 9,

wherein said limiting unit compares the number of parameters managed by said managing unit with a predetermined number to determine whether or not the number of said parameters must be reduced.

14. The program creating system as set forth in claim 13,
     wherein when the number of parameters managed by said managing unit is larger than said predetermined number, said limiting unit determines that the number of said parameters must be reduced.

15. The program creating system as set forth in claim 1,
     wherein said terminal device is a mobile terminal.

16. The program creating system as set forth in claim 7,
     wherein said terminal device is a mobile terminal.

17. A program creating program causing a computer to realize:
     a screen information storing unit which holds screen information that forms an input screen of a parameter to create a first program that realizes a predetermined process;
     a providing unit which provides said screen information to a setting apparatus connected through a network;
     an accepting unit which accepts the parameter input on the input screen displayed on the basis of said screen information from said setting apparatus through said network;

a producing unit which dynamically produces a source code of said first program on the basis of said parameter;

a compiling unit which compiles said source code to create said first program that can be executed by a predetermined terminal device; and

an instructing unit which detects that said source code is produced to instruct said compiling unit to compile the source code.

18. A program creating module causing a computer to realize:

a screen information storing unit which holds screen information that forms an input screen of a parameter to create a first program that realizes a predetermined process;

a providing unit which provides said screen information to a setting apparatus connected through a network;

an accepting unit which accepts the parameter input on the input screen displayed on the basis of said screen information from said setting apparatus through said network;

a producing unit which dynamically produces a source code of said first program on the basis of said parameter;

a compiling unit which compiles said source code to create said first program that can be executed by a predetermined terminal device; and

an instructing unit which detects that said source code is produced to instruct said compiling unit to compile the source code.

19. A program creating program causing a computer to realize:

an acquiring unit which acquires screen information that forms an input screen of a parameter to create a program that realizes a predetermined process through a network;

a display process unit which displays said input screen on a display unit on the basis of said screen information;

a managing unit which accepts an input of a parameter depending on said input screen to manage the parameter; and

a transmitting unit which outputs the parameter managed by said managing unit to a creating apparatus that creates said program through said network.

20. A program creating module causing a computer to realize:

an acquiring unit which acquires screen information that forms an input screen of a parameter to create a program that realizes a predetermined process through a network;

a display process unit which displays said input screen on a display unit on the basis of said screen information;

a managing unit which accepts an input of a parameter depending on said input screen to manage the parameter; and

a transmitting unit which outputs the parameter managed by said managing unit to a creating apparatus that creates said program through said network.